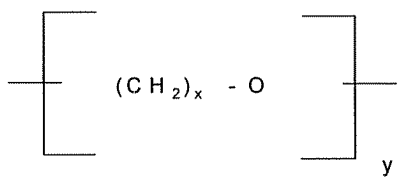


What is claimed is:

1. Claims 1-36 (*Cancelled*).

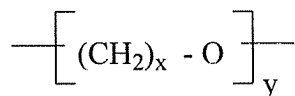
37. (*Currently Amended*) A breathable article comprising: (a) at least one layer of fabric and (b) at least one layer of thermoplastic polyurethane polymer, wherein said polyurethane polymer is a polyether polyurethane derived from at least one diisocyanate reacted in a one-shot process with at least one hydroxyl terminated aromatic glycol chain extender selected from the group consisting of 1,4-di(hydroxymethyl) benzene, 1,2-di(hydroxymethyl) benzene, 1,4-di(2-hydroxyethoxy) benzene, 1,3-di(2-hydroxyethyl) benzene, 1,2-di(2-hydroxyethoxy) benzene, and combinations thereof, and at least one hydroxyl terminated polyether polyethylene glycol intermediate containing an alkylene oxide having the formula



wherein x is 2 and y is an integer from 11 to 115 wherein the amount of aromatic glycol chain extender used is from about 1.2 to about 1.8 moles per mole of hydroxyl terminated polyether intermediate and the mole ratio of the at least one diisocyanate used is from about 0.95 to about 1.05 moles of diisocyanate per mole of the total moles of the one or more hydroxyl terminated polyether intermediate and the one or more hydroxyl terminated aromatic glycol chain extender.

38. (*Original*) An article of claim 37 wherein said at least one layer of fabric comprises a non-woven fabric.

39. *(Original)* An article of claim 37 wherein said at least one layer of fabric comprises a woven fabric.
40. *(Original)* An article of claim 37 wherein said article comprises at least one layer of fluoro polymer in addition to said at least one layer of fabric and at least one layer of thermoplastic polyurethane polymer.
41. *(Original)* An article of claim 40 wherein said article is an article of clothing.
42. *(Original)* An article of claim 37 wherein said article is house wrap.
43. *(Original)* An article of claim 37 wherein said article is an article of roofing membrane.
44. *(Currently Amended)* An article of claim 37 wherein said hydroxyl terminated polyethylene glycol has a number average molecular weight of from about 1,000 to about 2,000, said diisocyanate is 4,4'-methylene bis-(phenyl isocyanate), said aromatic glycol chain extender is ~~hydroquinone bis-(2-hydroxyethyl) ether~~ 1,4-di(2-hydroxyethoxy) benzene, and wherein said polyurethane polymer has a moisture vapor transmission rate of greater than about 5500 g/m² day as measured on a 1.0 mil thick sample and a melting point of from about 165°C to about 180°C as measured according to ASTM D-3417-99.
45. *(Currently Amended)* A melt spun fiber comprising a thermoplastic polyurethane polymer, wherein said polyurethane polymer is a polyether polyurethane derived from at least one diisocyanate reacted in a one-shot process with at least one hydroxyl terminated aromatic glycol chain extender selected from the group consisting of 1,4-di(hydroxymethyl) benzene, 1,2-di(hydroxymethyl) benzene, 1,4-di(2-hydroxyethoxy) benzene, 1,3-di(2-hydroxyethyl) benzene, 1,2-di(2-hydroxyethoxy) benzene, and combinations thereof, and at least one hydroxyl terminated polyether polyethylene glycol intermediate containing an alkylene oxide having the formula



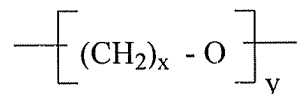
wherein x is ~~2~~ an integer from 1 to 10 and y is an integer from 11 to 115 wherein the amount of aromatic glycol chain extender used is from about 1.2 to about 1.8 moles per mole of hydroxyl terminated polyether intermediate and the mole ratio of the at least one diisocyanate used is from about 0.95 to about 1.05 moles of diisocyanate per mole of the total moles of the one or more hydroxyl terminated polyether intermediate and the one or more hydroxyl terminated aromatic glycol chain extender.

46. *(Original)* A melt spun fiber of claim 45 comprising an additive to cross link said polyurethane polymer.

47. *(Previously Presented)* A melt spun fiber of claim 46 wherein said additive to cross link said polyurethane polymer is a 4,4'-methylene bis-(phenyl isocyanate) terminated polyether prepolymer, wherein said prepolymer is derived from poly(tetramethylene ether) glycol reacted with 4,4'-methylene bis-(phenyl isocyanate).

48. *(Original)* A melt spun fiber of claim 47 wherein the level of said additive used is from about 5 weight percent to about 20 weight percent of the said fiber.

49. *(Currently Amended)* A clothing garment comprising melt spun fibers, said fibers are thermoplastic polyurethane polymer fibers derived from at least one diisocyanate reacted with in a one-shot process at least one hydroxyl terminated aromatic glycol chain extender selected from the group consisting of 1,4-di(hydroxymethyl) benzene, 1,2-di(hydroxymethyl) benzene, 1,4-di(2-hydroxyethoxy) benzene, 1,3-di(2-hydroxyethyl) benzene, 1,2-di(2-hydroxyethoxy) benzene, and combinations thereof, and at least one hydroxyl terminated polyether polyethylene glycol intermediate containing an alkylene oxide having the formula



wherein x is 2 ~~an integer from 1 to 10~~ and y is an integer from 11 to 115 wherein the amount of aromatic glycol chain extender used is from about 1.2 to about 1.8 moles per mole of hydroxyl terminated polyether intermediate and the mole ratio of the at least one diisocyanate used is from about 0.95 to about 1.05 moles of diisocyanate per mole of the total moles of the one or more hydroxyl terminated polyether intermediate and the one or more hydroxyl terminated aromatic glycol chain extender.

50. *(Original)* A clothing garment of claim 49 comprising polyester fibers woven together with said melt spun thermoplastic polyurethane polymer fibers.

51. *(Currently Amended)* A clothing garment of claim 50 wherein said hydroxyl terminated polyether intermediate is polyethylene glycol, said diisocyanate is 4,4'-methylene bis-(phenyl isocyanate), said aromatic glycol chain extender is ~~hydroquinone bis-(2-hydroxyethyl) ether~~ 1,4-di(2-hydroxyethoxy) benzene, and wherein said polyurethane polymer has a moisture vapor transmission rate of greater than about 5500 g/m² day as measured on a 1.0 mil thick sample and a melting point of from about 165°C to about 180°C as measured according to ASTM D-3417-99.